

# INTERNATIONAL SEARCH REPORT

International No  
PCT/IB 03/04574

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G11B7/085 G11B21/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 320 824 B1 (HIRATA MINORU) 20 November 2001 (2001-11-20) cited in the application	
A	PATENT ABSTRACTS OF JAPAN vol. 011, no. 261 (P-609), 25 August 1987 (1987-08-25) & JP 62 066478 A (TOYO COMMUN EQUIP CO LTD), 25 March 1987 (1987-03-25) abstract	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*Z\* document member of the same patent family

Date of the actual completion of the international search

21 January 2004

Date of mailing of the international search report

27/01/2004

Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/04574

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6320824	B1	JP 2000137958 A	16-05-2000
		DE 19925876 A1	11-05-2000
JP 62066478	A	NONE	

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PCT REQUEST

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PSG020029WOP

Original (for SUBMISSION) - printed on 05.11.2002 01:48:11 PM

0	For receiving Office use only	PCT/SG 0 2 / 0 0 3 0 0
0-1	International Application No.	
0-2	International Filing Date	0 6 NOV 2002 (06-11-02)
0-3	Name of receiving Office and "PCT International Application"	REGISTRY OF PATENTS (SINGAPORE) PCT INTERNATIONAL APPLICATION
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.10.2002)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Intellectual Property Office of Singapore (RO/SG)
0-7	Applicant's or agent's file reference	PSG020029WOP
I	Title of Invention	OPTICAL DISK DRIVE APPARATUS, METHOD FOR CONTROLLING THE POSITION OF OPTICAL PICKUP UNIT, METHOD FOR DETECTING AN INNERMOST POSITION OF AN OPTICAL PICKUP UNIT
II	Applicant	
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